

(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: **58076764 A**

(43) Date of publication of application: **09.05.83**

(51) Int. Cl.

**G01N 35/06**

(21) Application number: **58174715**

(22) Date of filing: **30.10.81**

(71) Applicant: **HITACHI LTD**

(72) Inventor: **SAGUSA TOSHIYUKI  
NOMURA YASUSHI**

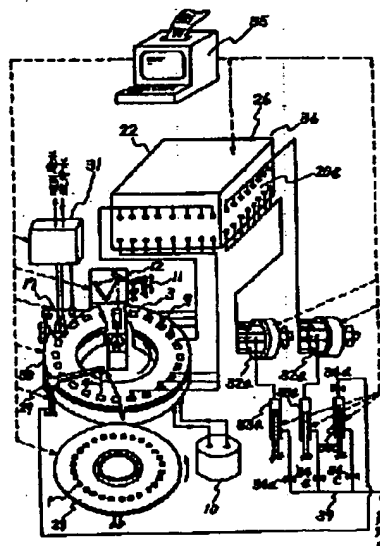
**(54) AUTOMATIC MULTI-ITEM ANALYZER**

**(57) Abstract:**

**PURPOSE:** To increase the fraction collecting speed by arranging a rotary diverter valve connected to a central common passage at an outlet/inlet of a syringe and a feed-water valve mounted to a feed water with one end thereof connected to a cylinder of a syringe.

**CONSTITUTION:** A selector valve 32 for item selection comprises two parts 32a and 32b rotating airtight coaxially while paths are connected to a reagent bottle 22 through a three-way selector 36 housed in a cold reserving chamber 26. The other port of the three-way selector valve 36 is connected to a reagent nozzle 9 set on a reactor 3. With such an arrangement, the number of items can be increased easily with additional installation of a switch back passage, a condensed reagent and a discharge nozzle 9 to be connected to the selector valve 32.

**COPYRIGHT:** (C)1983,JPO&Japio



**BEST AVAILABLE COPY**